

WHAT IS CLAIMED IS:

1. A document editing method for editing parts of contents of one or a plurality of first documents described  
5 by any markup language on a World Wide Web (WWW) in Internet into a second document described by a specific markup language on the WWW, comprising:

extracting one or a plurality partial documents from the first documents according to locations of the first  
10 documents on the Internet and ranges of the partial documents to be extracted, described by the specific markup language in the second document; and

inserting the partial documents extracted by the extracting step into the second document according to  
15 insertion positions of the partial documents on the second document described by the specific markup language in the second document.

2. The document editing method of claim 1, wherein the  
20 extracting step and the inserting step use the second document which is described by using at least a tag for describing the locations of the first documents on the Internet and the ranges of the partial documents to be extracted and specifying the insertion positions of the  
25 partial documents on the second document.

3. The document editing method of claim 1, further comprising:

converting a document structure of the second document  
30 according to ranges for which the document structure of the second document is to be converted including the partial documents inserted by the inserting step and an identification information of a file describing a conversion rule for converting the document structure into  
35 a desired document structure, which are described by the

specific markup language in the second document.

4. The document editing method of claim 3, wherein the  
5 converting step uses the second document which is described  
by using at least a tag for specifying the ranges for which  
the document structure of the second document is to be  
converted and describing the identification information of  
the file describing the conversion rule.

10 5. The document editing method of claim 1, wherein the  
extracting step uses the second document which is described  
by Extensible Markup Language (XML), and when the first  
documents are not described by the XML, the extracting step  
15 extracts the partial documents from the first documents  
after converting the first documents into a description  
format according to the XML.

6. A document editing apparatus for editing parts of  
contents of one or a plurality of first documents described  
20 by any markup language on a World Wide Web (WWW) in  
Internet into a second document described by a specific  
markup language on the WWW, comprising:

an extraction unit configured to extract one or a  
plurality partial documents from the first documents  
25 according to locations of the first documents on the  
Internet and ranges of the partial documents to be  
extracted described by the specific markup language in the  
second document; and

an insertion unit configured to insert the partial  
30 documents extracted by the extraction unit into the second  
document according to insertion positions of the partial  
documents on the second document described by the specific  
markup language in the second document.

35 7. The document editing apparatus of claim 6, wherein the

extraction unit and the insertion unit use the second document which is described by using at least a tag for describing the locations of the first documents on the Internet and the ranges of the partial documents to be  
5 extracted and specifying the insertion positions of the partial documents on the second document.

8. The document editing apparatus of claim 6, further comprising:

10 a conversion unit configured to convert a document structure of the second document according to ranges for which the document structure of the second document is to be converted including the partial documents inserted by the insertion unit and an identification information of a  
15 file describing a conversion rule for converting the document structure into a desired document structure, which are described by the specific markup language in the second document.

20 9. The document editing apparatus of claim 8, wherein the conversion unit uses the second document which is described by using at least a tag for specifying the ranges for which the document structure of the second document is to be converted and describing the identification information of  
25 the file describing the conversion rule.

10. The document editing apparatus of claim 6, wherein the extraction unit uses the second document which is described by Extensible Markup Language (XML), and when the first  
30 documents are not described by the XML, the extracting step extracts the partial documents from the first documents after converting the first documents into a description format according to the XML.

35 11. A computer program product for causing a computer to

function as a document editing apparatus for editing parts of contents of one or a plurality of first documents described by any markup language on a World Wide Web (WWW) in Internet into a second document described by a specific markup language on the WWW, the computer program product comprising:

first computer program codes for causing the computer to configured to extract one or a plurality partial documents from the first documents according to locations of the first documents on the Internet and ranges of the partial documents to be extracted described by the specific markup language in the second document; and

second computer program codes for causing the computer to an insertion unit configured to insert the partial documents extracted by the first computer program codes into the second document according to insertion positions of the partial documents on the second document described by the specific markup language in the second document.

12. The computer program product of claim 11, wherein the first computer program codes and the second computer program codes use the second document which is described by using at least a tag for describing the locations of the first documents on the Internet and the ranges of the partial documents to be extracted and specifying the insertion positions of the partial documents on the second document.

13. The computer program product of claim 11, further comprising:

third second computer program codes for causing the computer to convert a document structure of the second document according to ranges for which the document structure of the second document is to be converted including the partial documents inserted by the second

computer program codes and an identification information of a file describing a conversion rule for converting the document structure into a desired document structure, which are described by the specific markup language in the second document.

14. The computer program product of claim 13, wherein the third computer program codes use the second document which is described by using at least a tag for specifying the ranges for which the document structure of the second document is to be converted and describing the identification information of the file describing the conversion rule.

15. The computer program product of claim 11, wherein the first computer program codes use the second document which is described by Extensible Markup Language (XML), and when the first documents are not described by the XML, the first computer program codes extract the partial documents from the first documents after converting the first documents into a description format according to the XML.